1	PROCESSES	16	FOUNTAINS OR DRINKING TUBES AND STRAWS
2.1	.Of weather control or	17	Ornamental
	modification	18	* * =
2.2	Snowmaking		With illuminating means
3	.Including electrostatic charging	19	With ground distributing means
4	.Vibratory or magneto-strictive	0.0	(e.g., lawn sprinklers)
	projecting	20	With recirculating means
5	.Of fuel injection	21	With reversible feed and waste
6	.Involving slow diffusion		chambers
7	.Including centrifugal force or	22	Fluid pressure discharging
	spattering		means (e.g., aspirating)
8	.Including mixing or combining with air, gas or steam	23	<pre>Liquid pump, pulsator or follower</pre>
9	And additional dissolving or	24	.Drinking
	entraining of material in	25	With or for attachment to
	liquid stream		faucet
10	.Including dissolving or	26	Swivelly mounted single outlet
10	entraining in liquid stream		means
11		27	Swingable into or out of
T T	.Of discharge modification of flow varying		deflecting position
12		28	With catch basing
12	Involving drinking or ornamental fountains	29	With flow line valve
1.2		29.3	Portable, or with self-
13	.Including heating or cooling	20.5	contained liquid holder
14.1	WEATHER CONTROL	29.5	Leg or foot actuated valve
14.2	.Snowmaking	27.5	operator
690	ELECTROSTATIC TYPE	30	Extensible or flexible bubbler
690.1	.Induction charging	30	nozzle
691	.With automatic safety feature	31	Converging jets or bubblers
692	.With electrogasdynamic generator	31	(e.g., bubble cups)
	in spray device	32	With self-closing discharge
693	.Spray device recovers unused particles		valve
694	.With cyclical movable support	33	Portable drinking tubes and
695	.Plural spray devices		straws
696	.Having plural exit openings	34	SLOW DIFFUSERS
697	.Fixed member deflects exiting material	35	.With empty or refill signal or indicator
698	Forward of nozzle	36	.Garment or body attached
699	.With impeller (e.g., vibrator)	37	.Gravity flow of liquid from
700			supply holder
700	Rotary	38	Free drip to open holder
	With spray portion intercept member	39	Barometric flow to secondary holder
702	With axially spaced impeller surfaces	40	Drip discharge from secondary
703	Dish- or cone-shaped impeller		holder
704	.With fluid entrainment	41	To porous distributor to
705	With air outlet forward of		atmosphere
	material outlet	42	Porous distributor to
706	With charging electrode mounted		atmosphere
, • •	on spray device	43	To porous distributor exposed
707	Extending forward of material		to atmosphere
707	outlet	44	.With wick or absorbent means
708	.Pressurized spray material		removing liquid from holder
700	. I I COBULTACU BPIUY MALEITAI		

45	Serially arranged wicks or absorbent means	73	.Position or extent of motion indicator
46	With means for drip escape from casing	74	.With spray material quantity or flow indicating means (e.g.,
47	Nonuse housing or casing		sight gauge)
- /	arrangement (e.g., stored in	75	WITH VISCOSITY OR TEMPERATURE
	supply)	7 3	RESPONSIVE CONTROL MEANS
48	Reel-type storage	76	WITH PRESSURE OR FLOW
49		70	EQUALIZATION MEANS TO PLURAL
	With flow varying means		DISTRIBUTORS
50	Relatively movable wick and	77	ORCHARD-TYPE MOBILE DISTRIBUTOR
	supply for discharge or	1 1	
г1	adjustment		COMPRISING FLUENT DISCHARGED INTO GASEOUS CONVEYING CURRENT
51	With means for drip escape from	70	
-1 -	holder	78	.With current directing louvers
51.5	In housing having multiported	79	WITH MEANS FUSING SOLID SPRAY
	wall spaced from absorbent	0.0	MATERIAL AT DISCHARGE MEANS
	means	80	.Plural supply means for solid
52	.Reel or spool type support means		spray materials
53	.Liquid supply in absorbent or	81	.Electric arc, spark plug or
	porous media only		induction heating
54	Rigid solid form media	82	.Nozzle with molten pool holder
55	With enclosing casing	83	.Wire or rod type supply
56	Pad type	84	Moving feeder for fusible wire
57	.With support for porous or		or rod
	apertured encasing means	85	.With supply holder for fusible
58	.With means to adjust casing		material (e.g., pulverulent
	porosity or openings		solids)
59	By alignment of apertured	86	INJECTION NOZZLE HAVING CAPILLARY
	members		TYPE FEED PASSAGES
60	.Solid form vaporizable material	87	INJECTION NOZZLE HAVING PLUNGER
61	WITH SELECTIVE PROPORTIONING OR		OR VALVE CONTROLLED BY
	CORRELATED FLOW FOR PLURAL		PRESSURE BEYOND NOZZLE OUTLET
	FLUIDS		(E.G., COMPRESSION PRESSURE
62	.Having traversing motion		OPERATED)
-	responsive means		
63		88	UNITARY INJECTION NOZZLE AND PUMP
	-	88	UNITARY INJECTION NOZZLE AND PUMP OR ACCUMULATOR PLUNGER
	WITH CUTOFF OR FLOW VARYING MEANS	88 89	OR ACCUMULATOR PLUNGER
	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE		OR ACCUMULATOR PLUNGER .Accumulator plunger biased to
	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G.,	89	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid
64	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING)		OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or
64	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control	89 90	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass
	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means	89	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or
64 65	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing	89 90	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet
65	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver	89 90 91	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve)
	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION	89909192	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor
65 66	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS	89 90 91	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED
65	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW	89909192	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT
65 66 67	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) With overriding second control means By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS	8990919293	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP
65666768	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means	89909192	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow
65 66 67 68 69	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) With overriding second control means By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS	899091929394	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED
65666768	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means	8990919293	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED
65 66 67 68 69	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means .By programming means	899091929394	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED
65 66 67 68 69 70	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means .By programming means .Timer means	899091929394	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED
65 66 67 68 69 70	WITH CUTOFF OR FLOW VARYING MEANS OPERATED BY MEANS RESPONSIVE TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) With overriding second control means By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS By rate of flow or volume means By programming means Timer means WITH SIGNALS, INDICATORS,	899091929394	OR ACCUMULATOR PLUNGER .Accumulator plunger biased to discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED

96	INJECTION NOZZLE OPENED BY RELIEVING SUPPLY (E.G.,	673	Plural scatterers receiving material axially
97	ACCUMULATOR TYPE) PATTERN CONTROL BY SYNCHRONIZING	674	Feed means outside of primary supply container
	FLOW REGULATOR MEANS WITH	675	Screw conveyor
	CYCLICALLY MOVING DISTRIBUTOR	676	Including movable gate, barrier
98	.Plural outlets with abutment		or valve upstream of scatterer
	operated flow diverter	677	Speed varying means for driven
650	CONTAINER FOR NON-FLUID MATERIAL,		scatterer or feed
	AND SCATTERING MEANS	678	Limit means stopping feed
651	.With loading or loading	679	Rotating scatterer receiving
	facilitating means		material peripherally
652	.Scattering by direct manual	680	Rotating feed or strewing unit
	movement		(e.g., beater, etc.) upstream
653	.Body supported		of scatterer
654	.With means generating or	681	.Rotating scatterer
	supplying gaseous mixing	682	Plural
	current	683	Including agitating means
655	Laterally extending scatter	684	Including specific driving
	unit		means
656	.Scatterer fed by plural	685	From ground wheel
655	containers	686	Manual or pedal
657	.Container tilted for discharge	687	Scatterer receives material
650	(e.g., dump truck, etc.)		axially
658	.Scattering means is flail	688	Scatterer has radially
659	.Scattering means has to and fro		directed tube
	<pre>movement (e.g., vibratory, etc.)</pre>	689	.Scatterer is tubular or in
660	.With overload release or relief	0.0	surrounding housing
661	.With means for mounting on	99	WITH MEANS CAUSING INTERMITTENT
001	tractor		INTERRUPTION OF SUPPLY TO
662	.With feature relating to liquid		DISTRIBUTOR MEANS (I.E., ON- OFF)
002	material	100	.Ground wheel controlled
663	.Convertible or combined	100	intermitter
664	.Ambulant container and laterally	101	WITH MEANS FOR FLUCTUATING FLOW
	extending scatterer	101	OR PRESSURE OF FLUID SUPPLIED
665	.Including means varying scatter		TO DISTRIBUTOR MEANS
	pattern of rotating scatterer	102.1	WITH MEANS TO VIBRATE OR JIGGLE
666	Adjustable deflector		DISCHARGE
667	.Plural, rotary scatterers, on	102.2	.By electric transducer (e.g.,
	intersecting axes or coaxial		piezoelectric crystal)
	and counter rotating	103	NOZZLE CARRIED APERTURED SHIELD
668	.Hopper and gravity discharge to		AND COLLECTOR
	scatterer receiving material	104	WITH CLEANING MEANS, DRIP
	peripherally		COLLECTING, WASTE DISPOSAL OR
669	Scatterer at least partially		SOIL PREVENTING GUARDS OR
	within hopper		SHIELDS
670	.Drive from vehicle motor power	105	.Soil preventing gas shield
	take off	106	.Nozzle cleaner, flusher or
C 17 1			
671	.Including raking type conveyor	.	drainer
6/1	moving material toward	107	With means for enlarging spray
	moving material toward scatterer	107	With means for enlarging spray openings beyond normal
672	moving material toward scatterer .Including driven conveyor or		With means for enlarging spray openings beyond normal operating position
	moving material toward scatterer	107	With means for enlarging spray openings beyond normal

109	Reduction of fluid pressure affects opening (e.g., self-	132.5	Coolant is spray fluid or is added to spray fluid
110	draining showers)With separate drain or access	133	.Spray terminal carrying member carriers heater
110	opening	134	With additional upstream
111	Absence of fluid pressure	134	heating means
	opens drain	135	.Heating means
112	With diverted system fluid or	136	Vapor generator
112	nonspraying fluid for cleaning	137	Plural fluids through outlet
113	System fluid diverted	137	means
114	Solid scraping or clearing	138	One an aspirating fluid for
111	member	130	discharge
115	Member and nozzle mounted for	139	Spaced jacket or compartment
	relative motion		for heating fluid
116	Member is in flow line	140	WITH MEANS MOVABLY MOUNTING
117	Member moves through spray opening		SUPPLY MEANS FOR DISCHARGING CONTENTS
118	By fluid pressure	141	.Rotating tank type
119	Return or reverse flow from	142	WITH AGITATION OF SUPPLY MEANS
	outlet	143	.Gas agitation
120	.Waste disposal or drip	144	.Movably mounted tank or tank
	collecting		part (e.g., vibratory type)
121	Drip cup or trough	145	POROUS OR EXTERNAL WICK DISCHARGE
122	Combined with deflector	113	MEANS
123	.Solid scraping or clearing	152	BODY OR ANIMAL CARRIED
123	member	153	.Body contour feature
124	WITH SYSTEM FLUID RELIEF OR	154	.Hand manipulated discharge means
121	RETURN TO SUPPLY	146	WITH MOBILE TANK-TYPE SUPPLY
	NEIGHT TO BUILET	110	WITH MODILE IMMETITE SOFFEE
125	Recirculation within nozzle		MEANS
125	Recirculation within nozzle	147	MEANS Ground traversing wheel-form
	(e.g., burner nozzle cooling)	147	.Ground traversing wheel-form
125 126	<pre>(e.g., burner nozzle cooling) .By pressure responsive means</pre>		.Ground traversing wheel-form supply tank
126	<pre>(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere)</pre>	147 148	.Ground traversing wheel-form supply tank .With means replenishing system
	<pre>(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet</pre>	148	.Ground traversing wheel-form supply tank.With means replenishing system supply
126	<pre>(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump</pre>		.Ground traversing wheel-form supply tank.With means replenishing system supply.With means movably mounting supply container relative to
126 127	<pre>(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading)</pre>	148 149	.Ground traversing wheel-form supply tank.With means replenishing system supply.With means movably mounting supply container relative to its support
126	<pre>(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE</pre>	148	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or
126 127	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW	148 149	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g.,
126 127 127.1	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW	148 149 150	 .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)
126 127	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main	148 149 150	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means
126 127 127.1	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or	148 149 150	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected
126 127 127.1 127.3	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle	148 149 150 151 155	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverse
126 127 127.1	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or	148 149 150	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected
126 127 127.1 127.3	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR	148 149 150 151 155	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge
126 127 127.1 127.3 128 129	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID	148 149 150 151 155 156	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping) .By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controller
126 127 127.1 127.3	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust	148 149 150 151 155 156 157	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pump
126 127 127.1 127.3 128 129	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases	148 149 150 151 155 156 157 158	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump
126 127 127.1 127.3 128 129	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray	148 149 150 151 155 156 157 158	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type
126 127 127.1 127.3 128 129 130	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device	148 149 150 151 155 156 157 158 159	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type distributor
126 127 127.1 127.3 128 129 130	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through	148 149 150 151 155 156 157 158 159	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type distributorWith motor means imparting
126 127 127.1 127.3 128 129 130	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means	148 149 150 151 155 156 157 158 159	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pumpGas pressure pumpGas pressure imparting movement to distributor during
126 127 127.1 127.3 128 129 130 131 132	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means .In terminal element (e.g.,	148 149 150 151 155 156 157 158 159 160	.Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping) .By gas stream means .Operational means interconnected with ground traverse .Ground wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type distributor .With motor means imparting movement to distributor during use
126 127 127.1 127.3 128 129 130 131	(e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray deviceWith plural fluids through outlet means .In terminal element (e.g., injection nozzle cooling)	148 149 150 151 155 156 157 158 159 160	Ground traversing wheel-form supply tank With means replenishing system supply With means movably mounting supply container relative to its support With spray deflecting or compressing means (e.g., striping) By gas stream means Operational means interconnected with ground traverse Ground wheel operated discharge means or controller Ground wheel operated pump Gas pressure pump Spray boom or bar type distributor With motor means imparting movement to distributor during use Plural bars or booms

163	Plural diverse bars or booms	744	Propelling means
164	Adjustable distributor	745	Reel take-up
165	Extensible or telescoping boom	746	Intermittent grip or inching
166	Plural sections articulated or		type
	pivotally mounted	747	Fluid motor or spray fluid
167	Symmetrically disposed		operated
	outboard of carrier	748	Supply line traversing means
168	With central section	749	Hydrant coupling
169	Flexible coupling section to	750	.Track or guideway
	distributor	751	Overhead type
170	Having means to selectively	752	Reciprocating
	control discharge paths	753	With extensible support
171	.Aircraft carried	754	.Jet directed toward or along
172	.Vehicle drawn or carried		supporting surface (e.g., lawn
173	Track guided (e.g., rolling		rakes)
	stock)	193	DISTRIBUTOR HAVING OVERFLOW
174	Locomotive cab type		DISCHARGE (E.G., WEIR TYPE)
	attachments	194	.Escape to fluid conveying
175	With flexible coupling section		current
176	.Adjustable distributor	195	FLEXIBLE FLOW LINE OR OUTLET
722	MOBILE DISTRIBUTOR		STORAGE OR RETRIEVAL MEANS
723	.Irrigation device	196	.Flow control responsive to flow
724	Open pond or ditch type supply		line, outlet or storage means
725	Floating distribution means		movement
726	Nozzles spaced along mobile	197	.With retrieval facilitating
	pipeline		means
727	Including additive supply	198	.Reel and ground supported frame
		200	WING HIVED GUDDODE HOD OD GDOUND
	means	200	WITH FIXED SUPPORT FOR OR GROUND
728	meansCenter pivot	200	INSTALLED SUPPLY MEANS (E.G.,
728 729		200	
_	Center pivot	200	INSTALLED SUPPLY MEANS (E.G.,
729	Center pivotWith noncircular coverage	201	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL
729	Center pivotWith noncircular coverageIncluding means allowing		INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS)
729	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe	201	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinkler
729 730	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sections	201 202 203	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means
729 730	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect	201 202	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to
729 730 731	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignment	201 202 203 204	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluid
729 730 731	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing	201 202 203	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted
729 730 731	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe	201 202 203 204 205	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retraction
729 730 731 732	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sections	201 202 203 204	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously
729 730 731 732 733 734	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubes	201 202 203 204 205 206	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying
729 730 731 732 733 734 735	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignment	201 202 203 204 205	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected
729 730 731 732 733 734	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubes	201 202 203 204 205 206 207	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow
729 730 731 732 733 734 735	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling means	201 202 203 204 205 206 207 208	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features
729 730 731 732 733 734 735 736	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-up	201 202 203 204 205 206 207	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted
729 730 731 732 733 734 735 736 737 738	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operated	201 202 203 204 205 206 207 208 209	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit
729 730 731 732 733 734 735 736 737 738 739	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributor	201 202 203 204 205 206 207 208	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing)
729 730 731 732 733 734 735 736 737 738 739 740	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing means	201 202 203 204 205 206 207 208 209 210	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means
729 730 731 732 733 734 735 736 737 738 739	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation	201 202 203 204 205 206 207 208 209 210 211	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS
729 730 731 732 733 734 735 736 737 738 739 740	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of	201 202 203 204 205 206 207 208 209 210	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR
729 730 731 732 733 734 735 736 737 738 739 740 741	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipeline	201 202 203 204 205 206 207 208 209 210 211 214	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT
729 730 731 732 733 734 735 736 737 738 739 740	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipelineLongitudinal movement of	201 202 203 204 205 206 207 208 209 210 211	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT .With addition of other fluid
729 730 731 732 733 734 735 736 737 738 740 741	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipelineLongitudinal movement of	201 202 203 204 205 206 207 208 209 210 211 214 214.11	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT .With addition of other fluid downstream of distributor
729 730 731 732 733 734 735 736 737 738 739 740 741	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipelineLongitudinal movement of	201 202 203 204 205 206 207 208 209 210 211 214	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT .With addition of other fluid

214.15	Plural fluid outlets from distributor	233	Deflector causes movement of distributor
214.17	With combining of fluids and subsequent distribution	236	.With undulating or irregular cam track for noncircular pattern
214.19	One of relatively axially		control
214.17	movable concentric flow paths	237	.Spray fluid motor drive means
	continuously rotating	237	(not reaction)
214.21	With pump or interior guide	238	By weight of accumulated fluid
	vanes for fluid	239	Continuously operative
214.23	Adjustable or deformable		rectilinearly reciprocating
214.25	.With combining of diverse fluids		motor
	at or upstream of distributor	240	Rotary motor drive (e.g.,
215	.With separate pump or movable		turbine type)
	conveyer means delivering to	241	With step-by-step advance
	distributor		motion
216	Bowl-like rotating sleeve	242	Reciprocating or oscillating
	conveyer		distributor
217	And scoop delivering to	243	.Multiple distributors supported
	distributor		for relative motion or on
218	Endless belt conveyer		different axes (one may be
218.5	Screw or spiral conveyer		stationary)
219	.Slinger or splasher dipping into	244	One distributor drives another
	or immersed in supply	245	Coaxially arranged distributors
220	Horizontal axis rotary	246	.Distributor with diversely
	distributor		shaped or oriented terminal
221	Submerged impeller type		members or outlets
	splasher or slosher	247	Adjustable or shiftable
222	.Spray apertured casing spaced		terminal member
	about distributor	248	Groups of terminal members or
222.11	.Nozzle delivers fluid to deflector		outlets spaced along axis of rotation
222.13	Nozzle continuously moves	249	Circumferentially alternating
222.15	Deflector causes movement		diverse terminal members or
222.17	Fluid actuated deflector		outlets
222.17	Plural streams to unitary	251	.Reaction-type nozzle motive
222.17	deflector		means
222.21	Eccentrically mounted	252	With brake, lock or retarder
223	.Disc impeller type or bowl-like	253	Terminal members adjustable
223	slinger or deflector		simultaneously or radially
224	Disc or impeller type		swinging
225.1	DISTRIBUTOR CONTINUOUSLY MOVES	254	Filter bed type or fluid seal
223.1	RELATIVE TO SUPPORT DURING	255	Oscillating or reciprocating distributor
	SPRAYING	256	
226	.With supply holder or plural	250	Control of speed or axis of rotation shiftable (manual
	substance mixing		valves excluded)
227	.Compound motion of distributor	257	Variable outlet aperture size
	or terminal member about	258	Varying jet to change
000	plural axes	400	tangential reaction component
228	.Sediment collector or internal	259	With binding preventing means
000	diverter baffle	237	or seal
229	.Wriggler or flexible distributor	260	Distributor vibrating or
230	.With impact motive means	200	jarring means
231	.Including deflector	261	Support details for moving
232	Movable during operating cycle for pattern control	201	distributor

262	With flow controller	273	WITH GROUND OR VERTICAL SURFACE
263	.Fluid motive means	275	SUSTAINED SUPPORT MEANS
263.1	.Electric motive means	275	.Support and deflector unit forms
263.2	.Power takeoff from another		base for supply conduit or terminal outlet member
062.2	device	276	
263.3	.Transmission details	270	.Ground or object penetrating
264	.Support details for moving	279	support
065	distributor	219	.Supply passage configuration forms stand
265	Adjustable standard or support	200	
265.11	REACTION MOTOR DISCHARGE NOZZLE	280	.Pole, stand or extension carried head
265.13	.With retractable noise	200 5	
	suppressing stream divider	280.5	Adjustable support
265.15	.With erodible, frangible or	281	Extensible
065 15	fusible nozzle part	282	.Wall or bracket mounting
265.17	.With addition of secondary fluid	283	Bracket-type support
065 10	upstream of outlet	285	.Flow controller and ground
265.19	.With means controlling amount,	000	support interconnection
	shape or direction of discharge stream	288	WITH SOLID MEANS AS GUARD OR PROTECTOR
265.23	Fluid jet for stream deflection	288.3	.Bumper or guard protects
265.25	Plural controlled outlets		distributor
265.27	Selective total discharge	288.5	Arcuate or circular
	through diversely shaped or	289	COMBINED OR CONVERTIBLE
	directed outlets	290	INCLUDING SUPPLEMENTAL GAS
265.29	Controller moves into fluid		SHAPING OR SHIELDING JET
	path from position closing one	291	.Air shield surrounds projected
	outlet		airstream (i.e., air gun)
265.31	Axially moved discharge	292	.Angularly adjustable as to point
	portion opens side outlet		of convergence
265.33	Radially outermost flow	293	.Gas-driven rotatable jet orifice
	defining wall adjustable		carrier
265.35	Nozzle aiming adjustable	294	.And additional downstream liquid
265.37	Radially inwardly movable wall		nozzle
265.39	At least three pivoted flaps	295	.On one side only of spray
	form outlet		orifice
265.41	With adjustable upstream	296	.Plural sets of gas jet orifices
	flow path portion	297	One or more sets selectively
265.43	Resilient or deformable wall		usable
266	TERMINAL OUTLET MEANS CONNECTED	298	Jets coupled to turn stream
	IN SERIES FOR THROUGH FLOW		about longitudinal axis
267	.Terminal outlet means in or on	299	.Noncircular supplemental orifice
	flow line coupling		(e.g., special shape)
268	.With casing or support	300	.Adjustable gas flow directing or
269	.With flexible or articulated		controlling means
	flow line section	301	Rotatable port-carrying member
270	NOZZLE WITH AIR SUPPLY MEANS TO		effects flow control
	OPERATOR	302	INCLUDING SUPPLY HOLDER FOR
271	WITH NOZZLE OR FLOW LINE ATTACHED		MATERIAL
	PENETRATING MEANS	303	.Plural holders for diverse
272	.Piercing connection to supply		materials
	means	304	Two or more spray-material
274	WITH MEANS OPERATED BY ART DEVICE		holders
284.1	LIQUID SPRAYER FOR TRANSPARENT	305	Choice of any one material
	PANEL (E.G., WINDSHIELD)		only
284.2	.Headlamp	306	And mixing beyond outlet

307	And carrier fluid supply	339	Liquid inlet port to submerged
308	Holder for carrier fluid		gas tube
309	.And frangible seal rupturing means	340	<pre>Pressure reducer at holder outlet</pre>
310	.To be mixed, dissolved or entrained in a flowing liquid	341	Relatively adjustable gas and liquid streams
	stream prior to discharge	342	Auxiliary trap, articulated or
311	Gas addition upstream of spray nozzle outlet		plural point inlet to eduction tube
312	Diverse discharge outlets for mixed and unmixed fluids	343	And diffuser or baffle means (e.g., sudser or foamer)
313	respectivelyFollower-type holder and stream	344	Modified flow path in eduction tube
313	egress means in juxtaposition	345	Discharge from upended or
314	Mixing beyond liquid stream outlet		tilted holder (e.g., by gravity feed to reducer)
315	Holder within terminal element carrying member	346	Holder coupled to gas supply source
316	Unitary outlet means and holder	347	Flow control by venting
317	Branching flow and recombining		pressure fluid to atmosphere
	in terminal member	348	Fluid pressure in carrier
318	Aspirating discharge nozzle	240	supply line is vented
319	.Moving solid surface supplying	349	Interconnected pump means and conduit closure or valve
	<pre>material beyond carrier fluid outlet</pre>	350	Measured or trapped quantity
320	.Follower in holder	330	for discharge
321	Floating or biased piston	351	Motor-operated gas pump
322	Fluid pressure actuated	352	And supply replenishing means
323	Collapsible or flexible	353	Plural valves actuated by
323	follower (i.e., non-rigid)		common operator
324	Screw actuated	354	Including valved eduction tube
325	.Conveyer for fluent solid in		or closure means
	holder	355	Holder carried or mounted gas
326	.Temporary storage in wick or pad	0=4	pump
327	.Resilient holder wall	356	Flexible wall gas pump
328	.Collapsible or foldable supply	357	encases liquid holder
220	holder	357	Telescoping holder or casing
329	.Moving solid surface engages	359	Multiple outletHaving means to lock plunger
330	material to be sprayedDiaphragm and flexible wall gas	333	or pump
330	pump combined	360	Pump casing within supply
331	Enclosing casing about moving		holder
	surface	361	Unitary mounting for eduction
332	Motor-operated		tube and air pump
333	Separable pump with holder	362	Flexible wall gas pump
	mount or securing means	363	Flexible wall gas pump
334	Articulated or plural point	364	Parallel pressure flows to
	ingress to pump		holder and pressure reducer
335	.Three or more spray fluids	365	Branched flow from main
	(e.g., induction of ambient	266	stream to holder
226	air)	366	Air and liquid flow paths
336	One a fluent solid		combine upstream of spray
337	.Fluid pressure discharge means		outlet
338	<pre>Material atomized in holder (e.g., nebulizer)</pre>		
	(C.g., HEDUITZEI)		

367	Unitary mounting for pressure fluid inlet and	397	.Selective coupling means for head or nozzle
368	<pre>liquid outletAir and liquid flow paths combine upstream of spray outlet</pre>	397.5	DISTRIBUTOR HAVING THERMAL EXPANSION JOINT, DIFFERENTIALLY EXPANDING MATERIALS OR INSULATION
369	Air and liquid flow paths combine upstream of spray outlet	398	COMBINING OF SEPARATELY SUPPLIED FLUIDS (I.E., PLURAL FLOW PATHS)
370	<pre>And baffle, diffuser or flow separating means (i.e., nebulizer)</pre>	399 400	.Including whirler device to induce fluid rotationThree or more fluids
371	Concentrically arranged flow paths	401	Axially adjustable valve with fluid conducting stem
372	Gas passage from gas space in holder through fluid outlet means	402	Plural serially arranged whirlers for same or for mixed fluids
373	Means to pressurize contents of holder	402.5	Adjustable or selective whirl inducing means
374	.Hand-manipulable shaker or jiggler type	403	Whirling of fluid prior to or at point of addition of second
375	.Including handle or handgrip for supply container and attached outlet	404	<pre>fluidDiscrete whirler means for each fluid</pre>
376	Gravity discharge hand carried	405	Fluid in outer of
377	Upending or tilting for discharge	405	concentrically arranged paths is whirled
378	Handle grip and flow controller juxtaposed	406	Mixing at or downstream of terminus
379	.Gravity flow from holder (e.g., hopper type)	407	.And valving means controlling flow for combining
380	MOTOR OR SPRAY FLUID OPERATED	408	By terminal ejection valve
	CONTINUOUSLY MOVING DISCHARGE MODIFIER	409	Liquid storage means proximate to ejection outlet
381	.Spray fluid operated	410	Fluid pressure operated valve
382	Deflector or whirler		(mixed or unmixed)
383	Rotating whirler	411	By gas pressure
389	Pivoted on axis transverse to flow	412	Motor or fluid pressure operated valving means
390	PLURAL INTERCHANGEABLE DISCHARGE MODIFIERS, OUTLET ARRANGEMENTS	413	Valving means for each of diverse fluids
	OR COUPLING MEANS	414	Multiway valve or single
391	.Selectively arrangeable outlet means	415	operator for plural valvesFor successive valve control
392	Movably mounted multi-terminal outlet carrying member	416	Relatively movable concentric flow paths effect valving
393	Member rotates on axis transverse to flow path	416.1	For three or more diverse fluids
394	Member rotates on axis	416.2	Plural valves for same fluid
	longitudinally of flow path	416.3	Parallel
395	Member reciprocates	416.4	Concentric flow paths
	transversely of flow path	416.5	Concentric flow paths
396	.Discharge modifier upstream of	417	Relatively movable flow paths
	terminal outlet	417.3	Valving means for central
		11/.5	fluid

417.5	Discrete flow paths for diverse fluids	439	Deflector and outlet forming means combined
418	.At or beyond outlet	440	Two or more concentric
419	With partial preliminary mixing		annular outlets
419.3	Two of three disparate fluids premixed	441	Central and concentric annular outlets
410 5	-	440	
419.5	Induction of ambient air	442	.By selection of coupling means
420	Including movable means for	443	.And valve controlling flow
	varying point of convergence	444	Valving means for each flow
421	Including peripheral or annular		path
422	outlets at junction of opposed coaxial fluid pathsCombining of three or more	445	Valved faucet with selective terminal flow paths to discharge (e.g., high or low
	separate fluid streams		velocity draft cocks)
423	Concurrent or concentric flow	446	Integral or rigidly
123	means	110	interconnected valving means
424	Flow means of one fluid	447	At least one flow path always
121	surrounds the other at outlet		open
424.5	Plural passages discharge one	448	Central flow path
424.5	fluid to other	449	And surrounding ports
425	To outer fluid at outlet	449	(peripheral)
_		450	
425.5	Ambient air aspirated	450	ADJOINED CONTIGUOUS ELONGATED
105	through inner flow path		SPRAY CONDUITS (E.G., PARALLEL
426	Streams meet at right angles	4 - 1	CONDUITS)
427	.Serially arranged mixing zones	451	TERMINAL OUTLET FORMED BETWEEN
	(i.e., of same or mixed		PARTS MOUNTED FOR RELATIVE
	fluids)		MOVEMENT
427.3	Additions of fluid in zones	452	.Spray fluid pressure responsive
	spaced along flow path		discharge modifier
427.5	At least three diverse fluids	453	Axially reciprocating closure
428	.Combining of three or more		deflector-type modifier
	separate streams	454	Gravity seated tapered plug
428.5	.Liquid flow induces atmospheric	455	.Laterally movable outlet part
	air (e.g., faucet aerator)	456	.Axially movable outlet part
429	.Plural inlets to one stream from	457	Moved by rotatable flow
	another		conducting terminal member
430	Three or more inlets to one		part
	stream from other	458	Radially outer and axially
431	Normal to entered stream		movable part
432	.Including additional dispersing	459	Spring biased nonrotatable
	plate or obstruction in mixing		controller within discharge
	chamber		guide
433	.Fluid streams have angular	460	Peripherally fluted or grooved
	junction		member
434	Streams meet at right angles	461	FLOW DEFLECTING OR ROTATION
434.5	One fluid discharges into other		CONTROLLING MEANS
131.3	in concentric conical portion	462	.And filtering or screening means
	of outer conduit	463	.Fluid rotation inducing means
435	VALVED FAUCET HAVING CONTRACTING		upstream of outlet
133	CHAMBER JET FORMING MEANS	464	And fluid pressure responsive
436	SELECTIVELY USABLE OR VARIABLE	101	flow modifying means
430		465	And adjustable flow modifier
127	DIVERSE TERMINAL OUTLETS	TOJ	requiring separate insertable
437	Outlet formed between parts		tool
420	mounted for relative movement	466	
438	Axially movable component	1 00	Serially arranged whirlers

467 468	And serially arranged deflectorWhirl chamber transversely	497	Multiple angular passages through disc
100	offset to single inflow path (i.e., tangential inflow)	498	.Unitary deflector with multiple fingers or serrated edges
469	Having a central post-like	499	.Chamber-like deflector
	member	500	.Serially arranged deflecting
470	And flow passage in post		surfaces
471	Having valved inlet	501	Surfaces of spiral or helical
472	Peripheral and central flow	301	form
- / -	paths in whirler upstream of single terminal outlet	502	.Plural deflectors arranged edgewise to stream
473	Coaxial valving means and	503	Pivoted into and out of
	central port		discharge path
474	Annular egress outlet formed	504	.Deflector apertured for flow
	between whirler and casing	505	.Deflector movably or removably
475	And centrally ported whirler		mounted relative to outlet
476	Having flow modifier and	506	Deflector is closure
	external operator therefor	507	Mounted for movement into and
	carried by nozzle	307	out of deflecting position
477	Selective diverse paths to or	508	Bail-type pivoting means
	through terminus	509	Plate means oblique to or on
478	One path avoids whirler	307	one side of flow path
2.0	action	510	Exteriorly arranged of flow
479	Adjustable between	310	member
	positional limits	511	Rotated into deflecting
480	Relatively axially movable	211	position
100	flow modifier	512	Positioned transversely across
481	Rotary, axially movable	712	flow path
482	Axially aligned nozzle,	513	Adjustable to alter degree of
	modifier and stem	313	deflection
483	Slotted, ported or grooved	514	Axially movable deflector
	modifying member	515	Supported exteriorly of flow
484	Member having rotary motion	313	outlet
	for adjustment	516	Resilient securing means
485	And motion longitudinally	517	Spring form deflector
	of the axis of rotation	518	.Deflector and terminal flow
486	Single planar spiral	310	element
	perpendicular to flow path	519	Resilient or deformable
487	Axially extending spiral-type	520	Plural outlets to deflector
20,	flow passage or diverter	521	Deflector on one side of flow
488	Having a solid core	J21	path
489	In or on flow-passage walls	522	Multiple or discrete
490	Integral whirler and terminal	244	deflecting surfaces
	head (e.g., terminal nut)	523	Dished or arcuate deflector
491	Apertured cap surmounts whirler	524	Transverse planar or dished
171	organization	324	surface type
492	Whirler is cup-like insert	525	FLOW LINE OR NOZZLE ATTACHED OR
172	with tangential inlets	323	CARRIED HANDGRIP OR HANDLE
493	Downstream end of core member	E 2 6	
-20	slotted to form whirl passages	526 527	.Pistol grip type
494	Whirler is slotted or	3 <i>4</i> /	Single trigger for plural valve
171	apertured flat disc or plate	EOO	actuators
495	Deformed plate	528	For sequentially opened valves
496	Slot in disc face	529	.Finger- or hand-attached or worn
100	bioc in disc race	E20	(e.g., spray glove)
		530	.Sleeve-type grip

531	.And hook-like holder	552	.Insert at terminus forms plural
532	.Spray pole type		streams
533.1	FLUID PRESSURE RESPONSIVE	553	.Having interior filter or guide
	DISCHARGE MODIFIER* OR FLOW	553.3	Foraminous or apertured member
	REGULATOR*	553.5	Plural fluid directing means
533.2	.Fuel injector or burner	554	.Axial or superposed members
533.3	Having flow regulator* for		arranged to form axially
	reciprocating piston engine		spaced outlets
533.4	With means to vary or pulse	555	Stacked plates
	flow within engine cycle	556	.Arranged in plural groups or
533.5	Upstream of flow regulator*		rows
533.6	Manually adjustable	557	All groups identical
533.7	Regulator* upstream of outlet	558	Concentric or coaxial groups
	port opens in direction of	559	In concavo-convex face
	flow	560	Three or more dissimilar groups
533.8	Regulator* biased to closed	561	.Three or more dissimilar outlets
	position by a fluid	562	.And flow regulation or control
533.9	Spring type or biased		of outlets
	regulator*	563	Sequential control of outlets
533.11	With antifriction, guide or	564	Bi-dimensional control
	seal means for flow regulator*	565	.Branched flow line type
533.12	With discharge modifier*	566	.All in a single straight line
533.13	.Resilient or deformable terminal	567	.All in a concavo-convex face
	outlet	568	.Slit or slot-like apertures
533.14	Outlet carried by or formed in	569	INCLUDING VALVE MEANS IN FLOW
	a disc		LINE
533.15	.On-off only	570	.Line fluid operated
536	SIMILAR TERMINAL MEMBERS IN	571	
536	SIMILAR TERMINAL MEMBERS IN MULTIPLE ARRANGEMENTS	571 572	Flow direction responsive valve
536 537		_	Flow direction responsive valve
	MULTIPLE ARRANGEMENTS	_	Flow direction responsive valveDownstream flow to outlet closes valve
	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART	572	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion
537	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT	572	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion effecting means (e.g., aerosal
537538	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unit	572	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion effecting means (e.g., aerosal type)
537 538 539	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movement	572 573	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion effecting means (e.g., aerosal
537 538 539 540	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type	572573574	<pre>Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line)</pre>
537 538 539 540	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit	572573574575	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen
537 538 539 540 541	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating)	572573574	 Flow direction responsive valve Downstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath
537 538 539 540 541 542	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED	572573574575576	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve
537 538 539 540 541	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON	572573574575576577	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type
537 538 539 540 541 542	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR	572573574575576	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face	572573574575576577	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unit .Having axial movement .Disc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets	572 573 574 575 576 577 578	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire)
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face	572573574575576577	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET	 572 573 574 575 576 577 578 579 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unit .Having axial movement .Disc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING	572 573 574 575 576 577 578	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN	 572 573 574 575 576 577 578 579 580 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF	572 573 574 575 576 577 578 579 580 581.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE	572 573 574 575 576 577 578 579 580 581.1 581.2	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valvingIncluding axial movement
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS	572 573 574 575 576 577 578 579 580 581.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valvingIncluding axial movementStem or operator extends
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by	572 573 574 575 576 577 578 579 580 581.1 581.2 582.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving .Including axial movementStem or operator extends through flow conduit
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid .Plural separable nozzles on	572 573 574 575 576 577 578 579 580 581.1 581.2 582.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving .Including axial movementStem or operator extends through flow conduit .Reciprocating
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid .Plural separable nozzles on spray pipe	572 573 574 575 576 577 578 579 580 581.1 581.2 582.1 583 584	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valvingIncluding axial movementStem or operator extends through flow conduit .ReciprocatingInjection nozzle type
537 538 539 540 541 542 543 544 545 546 547 548 549 550	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid .Plural separable nozzles on	572 573 574 575 576 577 578 579 580 581.1 581.2 582.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving .Including axial movementStem or operator extends through flow conduit .Reciprocating

585.2	With separate operator		
	therefor	<u>FOREIGN</u>	ART COLLECTIONS
585.3	Plate-type armature valve		
	(e.g., plate and integral	FOR 000	CLASS-RELATED FOREIGN DOCUMENTS
	projection or ball)		
585.4	Elongated armature with		
	integral projection		
585.5	Needle-type projection	DIGESTS	
586	Transverse to flow path		
587.1	TERMINAL MEMBER ADJUSTABLY OR	DIG 1	PATTERN SPRINKLER
	SHIFTABLY CONNECTED TO FLOW	DIG 2	SCARFING TORCHES
	CONDUIT	DIG 3	FLUID AMPLIFIER
587.2	.Plural distinct articulation	DIG 4	"O"-RING
	type flow connections	DIG 5	BALL AGITATORS
587.3	Includes ball and socket	DIG 6	LAWN MOWER
587.4	.Ball and socket flow connection	DIG 7	COANDA
587.5	.Pivot type flow connection	DIG 7	CUTTER SPRAYER
587.6	With pin in pivot type	DIG 9	SLIDE FASTENER
	connection		CARBON DIOXIDE BULB
588	.Flexible coupling section	DIG 10	
589	RIGID FLUID CONFINING DISTRIBUTOR	DIG 11	FLEXIBLE OUTLETS
589.1	.Fluidic oscillator	DIG 12	SOOT BLOWERS AND TUBE CLEANERS
590	.Having interior filter or guide	DIG 13	
590.3	Foraminous or apertures member	DIG 14	SPRINKLER SYSTEMS WITH CONTROLS
590.5	Plural fluid directing means	DIG 13	
591	.Including flow passage liner		NOZZLE MATERIALS
	(e.g., wear liner)		AIR BLAST
592	.Flat and tapered	DIG 21	SAFETY AIR NOZZLES
593	One wall only tapered to	DIG 22 DIG 23	
	direction of flow	DIG 23	SCREENS
594	And remaining opposite side		
	walls converging		
595	And superposed curved discharge		
	edges		
596	.Orifice in separable disc or		
	plate		
597	.Elongated orifice in terminal member		
598	Oblique to direction of flow		
599	Oval or elliptical		
600	.Assembly or disassembly feature		
601	Orifice shapes		
602	MISCELLANEOUS (E.G., RESILIENT		
	NOZZLE)		

CROSS-REFERENCE ART COLLECTIONS

900 ELECTROMAGNETICALLY ACTUATED FUEL
INJECTOR HAVING BALL AND SEAT
TYPE VALVE